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*USSR: Distribution of Electric
Power Capacity, 1970-75*

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USSR: DISTRIBUTION OF ELECTRIC POWER CAPACITY 1970-75

FOREWORD

This research project lists all known Soviet electric powerplants of 24 megawatts (MW) and over and gives the estimated installed capacity of each plant at the end of each year from 1970 through 1975. The list is organized geographically by economic region, with a subdivision for each Union Republic, Oblast, Kray, or other regional division.

The capacity of individual powerplants was estimated on the basis of all information available as of 31 March 1975

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Note: This research project was prepared by the Resources Branch, USSR/Eastern Europe Division, Office of Economic Research, CIA, and has not been coordinated with other intelligence components. Comments and queries are welcomed. They may be directed to

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Estimates of total capacity, by region, were based primarily on information concerning capacity installed at large powerplants. However, the following factors were also taken into consideration: total new capacity installed in the USSR during the year; capacity at old powerplants taken out of service in the USSR during the year; information on new small generating units put into operation in remote areas; and new high voltage transmission lines for exchange of electric power between regions.

The list is presented in such a form that it can be revised and updated through 1980, as new information becomes available and as new capacity is put into operation. An index listing powerplants alphabetically by the official Soviet designation or by town name is also appended.

The following Soviet abbreviations are used to indicate the type of powerplant:

GRES - State regional thermal powerplant

TETs - Heat and powerplant

GES - Hydroelectric powerplant

AES - Nuclear powerplant

Capacity of Electric Powerplants in the USSR

Summary

Region	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
I. Northwest Economic Region										
A. Leningrad Power System	8,503	9,029	9,112	10,083	11,716	13,000				
B. Murmansk Oblast	4,168	4,464	4,514	4,875	5,980	7,355				
C. Karelian ASSR	2,000	1,990	2,159	2,573	3,031	3,020				
D. North Area	700	740	745	740	740	740				
	1,635	1,835	1,895	1,895	1,965	1,985				
II. West Economic Region										
A. Belorussian SSR	9,194	10,150	11,222	11,941	12,565	13,055				
B. Estonian SSR	3,676	4,110	4,463	4,987	5,425	5,670				
C. Latvian SSR	2,650	2,866	3,262	3,460	3,455	3,455				
D. Lithuanian SSR	1,154	1,151	1,150	1,149	1,340	1,585				
E. Kaliningrad Oblast	1,474	1,782	2,082	2,080	2,080	2,080				
	240	250	265	265	265	265				
III. South Economic Region										
A. Ukraine SSR	29,571	32,558	34,818	37,244	39,715	40,820				
B. Moldavian SSR	27,889	30,666	32,923	35,160	36,435	38,540				
	1,632	1,892	1,895	2,084	2,280	2,280				
IV. North Caucasus Economic Region										
A. Postov Power System	6,569	6,880	7,445	7,540	8,250	9,350				
B. All Other	2,584	2,860	3,160	3,160	3,320	3,320				
	3,985	4,020	4,285	4,380	4,930	6,230				

Capacity of Electric Power Plants in the USSR, 1970-1975
(continued)

Region	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
V. Transcaucasus Economic Region	6,512	7,429	7,919	7,885	8,135	8,435					
A. Armenian SSR	1,707	2,122	2,257	2,270	2,470	2,720					
B. Azerbaijan SSR	2,741	2,840	2,10	2,890	2,940	2,990					
C. Georgian SSR	2,064	2,467	2,712	2,725	2,725	2,725					
VI. Volga Economic Region	17,390	18,705	19,535	20,195	20,435	20,855					
VII. Central Economic Region	20,727	21,915	23,688	25,672	26,510	27,860					
A. Central Region	15,526	16,299	17,629	19,592	20,450	21,630					
B. Volga-Vyatsk Region	3,018	3,016	3,019	3,060	3,060	3,110					
C. Central-Black Earth Region	2,183	2,600	3,040	3,020	3,020	3,120					
VIII. Urals Economic Region	17,700	16,945	17,850	17,955	19,170	19,560					
IX. West Siberia Economic Region	12,000	11,970	12,595	13,295	13,685	14,175					
X. Central Asia	15,988	16,795	18,115	19,615	20,941	23,035					
A. Kazakhstan SSR	8,760	9,155	9,301	9,814	10,630	11,200					
B. Uzbek SSR	4,742	5,200	5,637	5,935	6,345	6,640					
C. Kirgiz SSR	952	935	1,015	1,015	1,015	2,210					
D. Tadzhik SSR	852	842	1,502	1,800	1,800	1,800					
E. Turkmen SSR	582	663	660	1,051	1,051	1,245					
XI. East Siberia Economic Region	17,500	18,390	18,840	19,165	19,950	21,250					
XII. Far East Economic Region	4,500	4,590	4,900	4,970	5,140	5,975					
TOTAL USSR	166,154	175,365	186,239	195,560	205,112	217,730					

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I. Northwest Economic Region		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Summary												
A.	Leningrad Power System (Leningrad, Novgorod and Pskov Oblasts)	4,168	4,464	4,514	4,875	5,980	7,355					
B.	Murmansk Oblast	2,000	1,990	2,159	2,573	3,031	3,020					
C.	Karelian ASSR	700	740	745	740	740	740					
D.	North Area (Arkhangelsk and Vologda Oblasts; Komi ASSR)	1,635	1,835	1,895	1,895	1,965	1,985					
Total Capacity		8,503	9,029	9,312	10,083	11,716	13,100					

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I. Northwest Economic Region		Estimated Capacity at End of Year (MW)										
		Coordinates	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
		N	E									
A. Leningrad Power System												
1.	Dabrovka GRES 8 Kirov	59-52	30-59	312	312	312	312	312	312			
2.	Enso GES Svetogorsk	61-06	28-51	100	100	100	100	100	100			
3.	Kirish GRES 19	59-29	32-30	1,060	1,360	1,360	1,660	1,660	1,960			
4.	Kolpino TETS Izhora- Rybinsk	59-46	30-35	36	36	36	36	36	36			
5.	Leningrad TETS Bolshevik	59-51	30-29	24	24	24	24	24	24			
6.	Leningrad TETS 1	59-55	30-20	76	76	76	76	76	76			
7.	Leningrad TETS 2	59-56	30-23	146	146	146	146	146	146			
8.	Leningrad TETS 5 Krasny Oktyabr	59-52	30-29	111	111	111	111	111	111			
9.	Leningrad TETS 7	59-52	30-15	120	120	120	120	120	120			
10.	Leningrad TETS 14 Southwest	59-52	30-15	300	300	300	300	300	300			
11.	Leningrad TETS 15 Kirovskaya	59-52	30-17	125	125	125	225	335	335			
12.	Leningrad TETS 17-LAZ	59-56	30-15	255	255	255	255	255	255			
13.	Leningrad Krasny Treugolnik TETS	59-54	30-17	48	48	48	48	48	48			
14.	Leningrad Severnaya TETS	60-05	30-28	-	-	-	-	-	-			
15.	Leningrad Yuzhnaya TETS			-	-	-	-	-	-			
16.	Leningrad AES	59-51	29-03	-	-	-	-	1,000	2,000			
17.	Narva GES	59-22	28-12	125	125	125	125	125	125			

I. Northwest Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
18.	Nizhny Svir GES	60-48	33-42	109	109	109	109	109	109	109			
19.	Novgorod TETS 20	58-31	31-17	50	50	100	100	100	100				
20.	Pikalevo TETS	59-32	34-09	37	37	37	37	37	37				
21.	Raukhiala GES 10	61-04	28-52	108	108	108	108	108	108				
22.	Verkhne Svir GES 2	60-55	34-12	160	160	160	160	160	160				
23.	Volkhov GES Lenin 6	59-55	32-20	66	66	66	66	66	66				
Total in Plants 24 MW and over				3,368	3,668	3,718	4,118	5,229	6,629				
Small Plants				800	736	756	757	752	727				
Total Capacity -- Leningrad Power System				4,168	4,464	4,514	4,875	5,980	7,355				

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I. Northwest Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
N. E.												
B. Murmansk Oblast												
1. Borisoglebsk GES	69-39	30-08	58	58	58	58	58	58				
2. Iovskaya GES	66-40	31-20	80	80	80	80	80	80				
3. Kandalaksha Niva GES 1	67-23	32-33	76	26	26	26	26	26				
4. Kandalaksha Niva GES 2	67-17	32-27	60	60	60	60	60	60				
5. Kandalaksha Niva GES 3	67-11	32-25	150	150	150	150	150	150				
6. Khevoskosk GES	69-10	29-10	45	45	45	45	45	45				
7. Kirovsk GES	67-35	33-23	200	200	200	200	200	200				
8. Knyazhagubskaya GES	66-52	32-20	128	128	128	128	128	128				
9. Kola AES	67-27	32-29	-	-	-	440	880	880				
10. Murmansk TETS	68-57	33-04	24	24	24	24	24	24				
11. Murmansk South TETS	68-56	33-05	-	-	-	-	25	25				
12. Murmashi Tulonskaya GES	68-49	32-49	48	48	48	48	48	48				
13. Nautsi Rayakoski GES	69-01	29-01	43	43	43	43	43	43				
14. Posta TETS	69-02	33-05	24	24	24	24	24	24				
15. Serebryansk GES 1	68-51	35-35	204	204	204	204	204	204				
16. Serebryansk GES 2	68-59	35-43	-	-	150	150	150	150				

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I. Northwest Economic Region														
		Coordinates		Estimated Capacity at End of Year (MW)										
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
17.	Verkhne Tulona GES	68-36	31-45	228	228	228	228	228	228	228				
18.	Yaniskoski GES	68-58	28-47	30	30	30	30	30	30	30				
Total in Plants 24 MW and over				1,348	1,348	1,498	1,938	2,403	2,403	2,403				
Small Plants				652	642	660	635	628	617					
Total Capacity -- Murmansk Oblast				2,000	1,990	2,158	2,573	3,031	3,020					

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I. Northwest Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates												
N	E		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
C. Karelian ASSR												
1. Belomorsk GES	64-30	34-42	27	27	27	27	27	27				
2. Kondopoga GES	62-12	34-16	28	28	28	28	28	28				
3. Kondopoga TETS	62-12	34-16	32	32	32	32	32	32				
4. Kumskaya GES	65-21	31-07	83	83	83	83	83	83				
5. Matkozhensk GES	64-25	34-29	60	60	60	60	60	60				
6. Ondskaya GES	63-58	34-13	80	80	80	80	80	80				
7. Palakorgsk GES	64-17	34-25	30	30	30	30	30	30				
8. Pitkyaranta TETS	61-34	31-29	24	24	24	24	24	24				
9. Poduzhensk GES	64-56	34-07	-	48	48	48	48	48				
10. Putkinsk GES	64-56	34-32	84	84	84	84	84	84				
11. Segezha TETS	63-44	34-26	62	62	62	62	62	62				
12. Vygostrvskaya GES	64-28	34-41	40	40	40	40	40	40				
Total in Plants 24 MW and over			550	598	598	598	598	598				
Small Plants			150	142	147	142	142	142				
Total Capacity -- Karelian ASSR			700	740	745	740	740	740				

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I. Northwest Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	S	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
D. North Area (Arkhangelsk, Komi, Vologda)													
1. Arkhangelsk Arkbit TETS	64-26	40-50		24	24	24	24	24	24				
2. Arkhangelsk TETS	54-34	40-34		60	120	120	120	120	120				
3. Cherepovets Nely. TETS	59-08	37-52		139	239	251	251	251	251				
4. Cherepovets GES	59-15	38-28		40	40	40	40	60	80				
5. Cherepovets GPES	59-13	37-12		-	-	-	-	-	-				
6. Inta TETS	66-03	60-10		36	36	36	36	36	36				
7. Kotlas TETS 1	61-18	47-05		73	73	73	73	73	73				
8. Kotlas TETS 2	61-18	47-08		100	100	100	100	100	100				
9. Severodvinsk TETS	64-35	39-52		100	100	100	100	100	100				
10. Sokol TETS	59-27	40-09		51	51	51	51	51	51				
11. Syktyvkar TETS	61-49	50-44		24	24	49	49	49	49				
12. Uchta TETS 2	63-33	53-24		129	189	189	189	189	189				
13. Vorkuta TETS 1	67-30	64-03		53	53	53	53	53	53				
14. Vorkuta TETS 2	67-30	64-03		155	155	155	155	205	205				
Total in Plants 24 MW and over				984	1,204	1,241	1,241	1,311	1,331				
Small Plants				651	631	654	654	654	654				
Total Capacity -- North Area				1,635	1,835	1,895	1,895	1,965	1,985				

II. West Economic Region	Estimated Capacity at End of Year (MM)									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Summary										
A. Belorussian SSR	3,676	4,110	4,463	4,987	5,425	5,670				
B. Estonian SSR	2,650	2,866	3,262	3,460	3,455	3,455				
C. Latvian SSR	1,154	1,151	1,150	1,149	1,340	1,585				
D. Lithuanian SSR	1,474	1,782	2,092	2,080	2,080	2,080				
E. Kaliningrad Oblast	240	250	265	265	265	265				
Total Capacity	9,194	10,159	11,222	11,941	12,565	13,055				

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II. West Economic Region

	Coordinates		Estimated Capacity at the End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
<u>A. Belorussia</u>												
1. Berezova GRES	52-28	25-11	920	920	920	920	920	920				
2. Bobruisk TETS 2	53-95	29-14	60	120	180	180	180	180				
3. Grodno TETS 2	53-40	23-56	120	120	120	120	120					
4. Lukoml' GRES	54-41	29-07	900	1,200	1,500	2,100	2,400	2,400				
5. Minsk TETS 2	53-53	27-35	50	50	50	50	50	50				
6. Minsk TETS 3	53-53	27-39	435	435	435	435	435	435				
7. Minsk TETS 4	53-53	27-24	-	-	-	-	-	-				
8. Mogilev TETS 1	53-53	30-18	24	24	24	24	24	24				
9. Mogilev TETS 2	53-55	30-22	110	160	160	160	210	210				
10. Mzyr TETS	53-07	29-15	-	-	-	-	60	195				
11. Orekhovo Belgres	54-42	30-30	24	24	24	24	24	24				
12. Polotsk TETS 2	55-32	28-33	270	320	320	320	370	505				
13. Smolevichi GRES	54-06	28-21	48	48	48	48	48	48				
14. Vasilevichi GRES	52-37	29-45	322	322	322	322	322	322				
15. Vitebsk TETS	55-11	30-10	56	56	56	56	56	56				
Total in Plants 24 MW and over			3,339	3,799	4,159	4,759	5,219	5,439				
Small Plants			337	311	304	229	206	181				
Total capacity -- Belorussia			<u>3,676</u>	<u>4,110</u>	<u>4,463</u>	<u>4,987</u>	<u>5,425</u>	<u>5,620</u>				

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II. West Economic Region

	Coordinates		Estimated Capacity at the End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
B. Estonia												
1. Akhtre TETS	59-19	27-28	73	73	73	73	73	73				
2. Estonian GRES	59-16	27-54	800	1,000	1,400	1,600	1,600	1,600				
3. Kohtla Yarva TETS	59-24	27-15	54	54	54	54	54	54				
4. Narva Priibaltiskaya GRES	59-22	28-08	1,612	1,624	1,624	1,624	1,624	1,624				
5. Tallin Municipal TETS	59-27	24-45	49	49	49	49	49	49				
Total in Plants 24 MW and over			2,589	2,800	3,200	3,400	3,400	3,400				
Small Plants			62	66	62	60	55	55				
Total capacity -- Estonia			2,650	2,866	3,262	3,460	3,455	3,455				

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II. West Economic Region		Coordinates		Estimated Capacity at the End of Year (MW)										
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
C. Latvia														
1.	Kegums GES	56-44	24-43	68	68	68	68	68	68					
2.	Liepaya GES	56-31	21-01	31	31	31	31	31	31					
3.	Plyavinskaya GES	56-38	25-20	825	825	825	825	825	825					
4.	Riga GES	56-58	24-06	35	35	35	35	35	35					
5.	Riga TETS	56-59	24-11	139	139	139	139	139	139					
6.	Riga TETS 2	56-58	24-10	-	-	-	-	-	-					
7.	Riga GES	56-52	24-15	-	-	-	-	-	192	384				
Total in Plants				1,098	1,098	1,098	1,098	1,290	1,542					
24 MW and over				56	53	52	51	50	43					
Small Plants														
Total Capacity --				1,154	1,151	1,150	1,149	1,340	1,585					
Latvia														

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II. West Economic Region		Coordinates		Estimated Capacity at the End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
D. Lithuania													
1. Kaunas Petrushinai TETS	54-53	23-59		49	49	49	49	49	49				
2. Kaunas GES	54-52	24-00		90	90	90	90	90	90				
3. Kaunas TETS	54-53	23-55		-	-	-	-	-	-				
4. Litovskaya GES	54-45	24-49		1,200	1,500	1,800	1,800	1,800	1,800				
5. Vilnyus TETS 2	54-40	25-14		50	50	50	50	50	50				
Total in Plants 24 MW and over				1,389	1,689	1,989	1,989	1,989	1,989				
Small Plants				85	93	93	91	91	91				
Total Capacity — Lithuania				1,474	1,782	2,082	2,080	2,080	2,080				
E. Kaliningrad Oblast													
1. Kaliningrad Gres 2 Svetlie	54-40	20-07		123	123	123	123	123	123				
Small Plants				117	127	142	142	142	142				
Total Capacity — Kaliningrad Oblast				240	250	265	265	265	265				

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III. South Economic Region		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
		Estimated Capacity at End of Year (MW)										
<u>Summary</u>												
<u>Ukraine SSR</u>												
A.	Dnepr Power System	6,708	6,708	7,908	8,508	8,878	9,988					
B.	Donbas Power System	8,031	8,831	9,331	10,861	11,281	12,291					
C.	Kharkov Power System	2,882	2,882	2,882	2,882	2,882	2,882					
D.	Kiyev-Center Area	3,662	5,562	6,317	6,474	6,969	6,987					
E.	South Area	681	581	681	681	681	681					
F.	West-Southwest Area	3,411	3,411	3,411	3,411	3,411	3,411					
Total in Plants 24 MW and over		25,375	28,075	30,530	32,817	34,102	36,240					
Small Plants		2,514	2,591	2,393	2,343	2,333	2,300					
Total Capacity -- Ukraine		27,889	30,666	32,923	35,160	36,435	38,540					
<u>Moldavia SSR</u>												
		1,682	1,892	1,895	2,084	2,280	2,280					
Total Capacity -- South Economic Region		29,571	32,558	34,818	37,244	38,715	40,820					

III. South Economic Region

	Coordinates		Estimated Capacity at the End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
A. Dnipro Power System												
1. Dnepro GES Lenin	47-52	35-05	651	651	651	651	651	651	651			
2. Dnepro GES 2	47-52	35-05	-	-	-	-	310	620				
3. Dneprodzerzhinsk GRES	48-32	34-37	200	200	200	200	200	200				
4. Dneprodzerzhinsk GES	48-32	34-38	352	352	352	352	352	352				
5. Dneprodzerzhinsk Fertilizer Plant TETS	48-30	34-37	100	100	100	100	100	100				
6. Dnepropetrovsk TETS Petrovskiy	48-29	34-59	30	30	30	30	30	30				
7. Kakhovka GES	46-47	33-21	351	351	351	351	351	351				
8. Krivoy Rog Metal. TETS 1	47-52	33-25	105	105	105	105	105	105				
9. Krivoy Rog Metal. TETS 2	48-00	33-27	25	25	25	25	25	25				
10. Krivoy Rog Metal. TETS 3	48-00	33-27	-	-	-	-	60	60				
11. Krivoy Rog GRES Sokolovka	48-00	33-27	44	44	44	44	44	44				
12. Krivoy Rog GRES 2	47-40	33-42	2,400	2,400	2,700	3,000	3,000	3,000				
13. Pridneprovskaya GRES	48-24	35-07	2,400	2,400	2,400	2,400	2,400	2,400				
14. Zaporozhe TETS Zaporozhstal	47-52	35-09	50	50	50	50	50	50				
15. Zaporozhe GRES	47-30	35-37	-	-	900	1,200	1,200	2,000				
Total in Plants 24 MW and over			6,708	6,708	7,908	8,508	8,878	9,938				

III. South Economic Region

Coordinates		Estimated Capacity at End of Year (MW)											
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Ukraine SSR													
B. Donbas Power System													
1.	Donetsk TERS	48-00	37-48	25	25	25	25	25	25	25			
2.	Krkatorsk TERS	48-45	37-35	75	75	75	75	75	75	75			
3.	Kurakhovka GRES	48-00	37-15	200	200	400	1,030	1,450	1,660				
4.	Lisichansk TERS	48-56	38-28	74	74	74	74	74	74				
5.	Lisichansk TERS 2	48-56	38-28	150	150	150	150	150	150				
6.	Makeyevka TERS Kirov	48-03	37-57	50	50	50	50	50	50				
7.	Mironovskaya GRES	48-29	38-15	500	500	500	500	500	500				
8.	Severodonetsk GRES	48-53	38-29	75	75	75	75	75	75				
9.	Severodonetsk TERS	48-57	38-28	296	296	296	296	296	296				
10.	Enterovka GRES	48-06	38-53	178	178	178	178	178	178				
11.	Slavyansk GRES	48-53	37-38	1,300	2,100	2,100	2,100	2,100	2,100				
12.	Starobeshovo GRES	47-45	38-03	2,300	2,300	2,300	2,300	2,300	2,300				
13.	Uglegorsk GRES	48-27	38-15	-	-	300	1,200	1,200	2,000				
14.	Voroshilovgrad GRES	48-44	39-14	2,300	2,300	2,300	2,300	2,300	2,300				
15.	Voroshilovgrad TERS	48-35	39-20	48	48	48	48	48	48				
16.	Voroshilovsk TERS Yarmarsk	48-29	38-46	30	30	30	30	30	30				
17.	Zhdanov TERS Abovstal	47-06	37-35	50	50	50	50	50	50				
18.	Zhdanov TERS Illich	47-09	37-35	30	30	30	30	30	30				
19.	Zuyevka GRES	48-01	38-15	350	350	350	350	350	350				
Total in Plants 24 MW and over				8,031	8,831	9,231	10,861	11,281	12,281				

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III. South Economic Region		Estimated Capacity at End of Year (MW)									
Ukraine SSR		Coordinates									
		N		E		1970	1971	1972	1973	1974	1975
C. Kharkov Power System											
1. Kharkov GRES 2 Chuguyev	49-48	36-36				275	275	275	275	275	275
2. Kharkov TETS 3	49-58	36-18				155	155	155	155	155	155
3. Kharkov TETS 4	49-58	36-23				52	52	52	52	52	52
4. Kharkov TETS 5						-	-	-	-	-	-
5. Zaiyev GRES	49-35	36-31				2,400	2,400	2,400	2,400	2,400	2,400
Total in Plants ; MW and over						2,892	2,892	2,892	2,892	2,892	2,892

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III. South Economic Region		Coordinates		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Ukraine SSR		N	E	Estimated Capacity at End of Year (MW)									
D. Kiev-Center Area													
1. Aleksandriya TERS	48-39	33-04		80	80	80	80	80	80				
2. Cherkassy TERS	49-26	32-04		240	240	240	240	240	240				
3. Chernigov Korsunolsk TERS	51-28	31-13		100	100	100	100	205	205				
4. Chernobyl Nuclear AES	51-23	30-04		-	-	-	-	-	-				
5. Kanev GES	49-46	31-28		-	-	105	262	402	420				
6. Kiyev TERS 2	50-29	30-31		160	160	160	160	160	160				
7. Kiyev TERS 3	50-26	30-30		112	112	112	112	112	112				
8. Kiyev Darnitsa TERS 4	50-27	30-38		250	250	250	250	250	250				
9. Kiyev TERS 5	50-28	30-35		-	100	200	200	450	450				
10. Kiyev GES	50-27	30-32		370	370	370	370	370	370				
11. Kiyev Pump Storage	50-27	30-32		75	75	225	225	225	225				
12. Krivenchug TERS	49-04	33-25		150	150	250	250	250	250				
13. Krivenchug GES	49-04	33-55		625	625	625	625	625	625				
14. Ladyzhinsk GES	48-40	29-08		300	1,800	1,800	1,800	1,800	1,800				
15. Tripolskaya GES	50-70	30-46		1,200	1,500	1,800	1,800	1,800	1,800				
Total in Plants 24 MW and over				3,662	5,562	6,317	6,474	6,969	6,937				

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III. South Economic Region	Coordinates		Estimated Capacity at End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
<u>Ukraine SSR</u>												
<u>E. South Area</u>												
1. Korch GRES Kamysh Burun	45-17	36-25	100	100	100	100	100	100				
2. Kherson TETS	46-40	32-39	100	100	100	100	100	100				
3. Nikolayev TETS	46-57	31-59	100	100	100	100	100	100				
4. Odessa TETS 1 Marti	46-31	30-44	37	37	37	37	37	37				
5. Odessa TETS 3	46-30	30-	200	200	200	200	200	200				
6. Sevastopol GRES 1 Inkerman	44-37	33-35	44	44	44	44	44	44				
7. Simferopol GRES	45-00	34-03	100	100	100	100	100	100				
Total in Plants 24 MW and over			681	681	681	681	681	681				

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III. South Economic Region														
		Coordinates		Estimated Capacity at End of Year (MW)										
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
F. West-Southwest Area														
Ukraine SSR														
1. Burshtyn GRES		49-16	24-38	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	
2. Dashava TETS		49-15	24-01	24	24	24	24	24	24	24	24	24	24	
3. Dobrotvor GRES		50-13	24-22	700	700	700	700	700	700	700	700	700	700	
4. Kalush TETS		49-41	24-19	200	200	200	200	200	200	200	200	200	200	
5. Lvov GRES		49-48	24-01	60	60	60	60	60	60	60	60	60	60	
6. Terebila Rukskaya GES		48-07	23-28	27	27	27	27	27	27	27	27	27	27	
Total				3,411	3,411	3,411	3,411	3,411	3,411	3,411	3,411	3,411	3,411	
Moldavia SSR														
1. Beltsy TETS		47-45	27-54	32	32	32	32	32	32	32	32	32	32	
2. Dubossary GES		47-17	29-06	48	48	48	48	48	48	48	48	48	48	
3. Kishinev TETS		47-02	28-51	60	60	60	60	60	60	60	60	60	60	
4. Kishinev TETS 2				-	-	-	-	-	-	-	-	-	-	
5. Moldavian GRES		46-37	29-56	1,400	1,600	1,600	1,800	2,000	2,000	2,000	2,000	2,000	2,000	
Total in Plants 24 MW and over				1,540	1,740	1,740	1,940	2,140	2,140	2,140	2,140	2,140	2,140	
Small Plants				142	152	155	144	140	140	140	140	140	140	
Total Capacity -- Moldavia SSR				1,682	1,892	1,895	2,084	2,280	2,280	2,280	2,280	2,280	2,280	

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IV. North Caucasus Economic Region		Estimated Capacity at End of Year (MW)										
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Summary												
A.	Rostov Power System	2,584	2,860	3,160	3,160	3,320	3,320					
B.	Other Power Systems	3,163	3,192	3,450	3,570	4,120	5,470					
Total in Plants 24 MW and over		5,747	6,052	6,610	6,730	7,440	8,790					
Small Plants		822	828	835	810	810	760					
Total Capacity -- North Caucasus		6,569	6,880	7,445	7,540	8,250	9,550					

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IV. North Caucasus Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates												
			1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
A. Rostov Power System												
1. Kamensk TETS			48-19	40-15	112	124	124	124	124	124	124	
2. Nesvetay GRES			47-52	40-01	312	312	312	312	312	312	312	
3. Novocheboks GRES			47-28	40-10	1,800	2,100	2,400	2,400	2,400	2,400	2,400	
4. Rostov TETS			47-13	39-44	30	30	30	30	30	30	30	
5. Rostov TETS 2			47-13	39-44	-	-	-	-	-	160	160	
6. Shakhly GRES Arten			47-46	40-18	90	90	90	90	90	90	90	
7. Tsimlyansk GRES			47-36	42-07	204	204	204	204	204	204	204	
Total in Plants					2,548	2,860	3,160	3,160	3,160	3,320	3,320	
24 MW and over												

IV. North Caucasus Economic Region													
Coordinates			Estimated Capacity at End of Year (MW)										
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
B. All Others													
1. Armavir TETS	45-00	41-08	24	24	24	24	24	24					
2. Baksan GES	43-39	43-24	25	25	25	25	25	25					
3. Belorechensk GES	44-48	39-48	48	48	48	48	48	48					
4. Chirkeysk GES	42-58	46-53	-	-	-	-	250	1,000					
5. Chiriyurt GES 1 & 2	43-09	46-51	81	81	81	81	81	81					
6. Ezmin GES Dzardzhikau	42-51	44-38	45	45	45	45	45	45					
7. Gizeldon GES	42-54	44-28	24	24	24	24	24	24					
8. Groznyy TETS Komintern	43-18	45-40	62	62	62	62	62	62					
9. Groznyy TETS 2	43-16	45-38	307	307	307	307	307	307					
10. Groznyy TETS 3	43-20	45-42	100	100	100	100	100	100					
11. Krasnaya Polyana GES	43-41	40-12	29	29	29	29	29	29					
12. Krasnodar TETS	45-13	39-35	850	850	850	850	850	850					
13. Krasnodar GES	45-01	38-59	45	45	45	45	45	45					
14. Kurshava GES #1	44-16	42-28	40	40	40	40	40	40					
15. Kurshava GES #2	44-20	42-30	184	184	184	184	184	184					
16. Kuban GES #3	44-33	42-15	-	29	87	87	87	87					
17. Kuban GES #4	44-35	42-06	75	75	75	75	75	75					
18. Makhachkala TETS Kaspiysk	42-53	47-39	36	36	36	36	36	36					

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Coordinates		Estimated Capacity at End of Year (MW)									
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
IV. North Caucasus Economic Region											
	N										
	E										
19. Nevinnomyssk GES	44-39	41-55	1,110	1,110	1,310	1,430	1,430	1,430			
20. Novorossiysk GES	44-43	37-47	24	24	24	24	24	24			
21. Pyatigorsk TETS	44-06	42-56	24	24	24	24	24	24			
22. Stavropol GES	45-03	41-58	-	-	-	-	300	900			
23. Yegorlyk GES	45-00	41-42	30	30	30	30	30	30			
Total in Plants			3,163	3,192	3,450	3,570	4,120	5,472			
24 MW and over											

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SUMMARY

**Total Capacity --
Transcaucasus
Economic Region**

V. Transcaucasus Economic Region		Estimated Capacity at End of Year (MW)									
		Coordinates		1970	1971	1972	1973	1974	1975	1976	1977
		N	E								
<u>A. Armenia SSR</u>											
1.	Amenian AES	40-10	44-09	-	-	-	-	-	-	-	-
2.	Arzni GES	40-17	44-35	70	70	70	70	70	70	70	70
3.	Atarbekyan GES	40-32	44-46	82	82	82	82	82	82	82	82
4.	Dzora GES	40-57	44-38	25	25	25	25	25	25	25	25
5.	Gyumash GES	40-23	44-37	224	224	224	224	224	224	224	224
6.	Kanaker GES	40-13	44-31	102	102	102	102	102	102	102	102
7.	Kirovakan TETS	40-48	44-30	49	49	49	49	49	49	49	49
8.	Ozarnaya Sevan GES	40-33	44-58	34	34	34	34	34	34	34	34
9.	Razdan TETS	40-31	44-46	300	300	300	300	300	300	300	300
10.	Razdan GES	44-34	44-45	-	400	600	600	800	1,000	1,000	1,000
11.	Shambakaya GES	39-28	46-10	-	-	-	-	-	-	-	-
12.	Tatev GES	39-26	46-22	157	157	157	157	157	157	157	157
13.	Yerevan GES	40-12	44-30	44	44	44	44	44	44	44	44
14.	Yerevan TETS	40-11	44-30	550	550	550	550	550	550	550	550
Total in Plants 24 MW and over				1,637	2,037	2,237	2,237	2,437	2,637	2,637	2,637
Small Plants				70	85	60	33	33	33	33	33
Total Capacity -- Armenia SSR				1,707	2,122	2,297	2,270	2,470	2,670	2,670	2,670

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V. Transcaucasus Economic Region		Estimated Capacity at End of Year (MW)									
		Coordinates									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
<u>B. Azerbaijan SSR</u>											
1. Ali Bayramly GES	39-56	48-54		1,080	1,080	1,080	1,080	1,080	1,080		
2. Araks GES Nakhchivan	39-33	47-37		-	22	22	22	22	22		
3. Azerbaijan GES	40-46	47-02		-	-	-	-	-	-		
4. Baku Krasnaya Zvezda TETS 1	40-22	49-55		109	109	109	109	159	209		
5. Baku Krassin GES	40-20	49-51		92	92	92	92	92	92		
6. Baku Novo Bakinskiy TETS 2	40-25	49-50		36	36	36	36	36	36		
7. Baku Severnaya GES	40-23	49-52		318	318	318	318	318	318		
8. Kirovabad TETS	40-41	46-22		100	100	100	100	100	100		
9. Mingechaur GES	40-47	47-02		359	359	359	359	359	359		
10. Neftyanoye Karmi TETS	40-15	50-51		30	30	30	30	30	30		
11. Sumgait TETS 1	40-36	49-38		450	450	450	450	450	450		
12. Sumgait TETS 2	40-36	49-38		100	160	220	220	220	220		
13. Tertter GES	40-23	47-00		-	-	-	-	-	-		
Total in Plants 22 MW and over				2,674	2,756	2,816	2,816	2,866	2,916		
Small Plants				67	84	94	74	74	74		
Total Capacity -- Azerbaijan SSR				2,741	2,840	2,910	2,890	2,940	2,990		

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V. Transcaucasus Economic Region

	Coordinates		Estimated Capacity at End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
C. Georgia SSR												
1. Gurati GES 1	42-18	42-42	44	44	44	44	44	44	44	44	44	44
2. Gurati GES 2	42-20	42-45	23	23	23	23	23	23	23	23	23	23
3. Inguri GES	42-47	42-02	-	-	-	-	-	-	-	-	-	-
4. Ladzhanur GES	42-40	42-46	112	112	112	112	112	112	112	112	112	112
5. Perepadnaya GES 1	42-39	41-35	-	220	220	220	220	220	220	220	220	220
6. Perepadnaya GES 2	42-38	41-33	-	20	40	40	40	40	40	40	40	40
7. Perepadnaya GES 3	42-38	41-32	-	-	40	40	40	40	40	40	40	40
8. Perepadnaya GES 4	42-37	41-30	-	-	20	40	40	40	40	40	40	40
9. Rioni GES	42-12	42-44	48	48	48	48	48	48	48	48	48	48
10. Rustavi TENS	41-32	45-02	150	150	150	150	150	150	150	150	150	150
11. Shaori GES	42-16	42-42	38	38	38	38	38	38	38	38	38	38
12. Sukhumi GES	43-00	41-02	20	20	20	20	20	20	20	20	20	20
13. Tbilisi GES	41-28	42-05	960	1,120	1,280	1,280	1,280	1,280	1,280	1,280	1,280	1,280
14. Tkibuli GES	42-22	42-59	80	80	80	80	80	80	80	80	80	80
15. Tkvarcheli Shakhta GES	42-50	41-44	28	28	28	28	28	28	28	28	28	28
16. Tkvarcheli GES	42-50	41-41	125	125	125	125	125	125	125	125	125	125
17. Tsalka Khram GES 1	41-33	44-07	113	113	113	113	113	113	113	113	113	113

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V. Transcaucasus Economic Region		Estimated Capacity at End of Year (MW)									
		Coordinates		1970	1971	1972	1973	1974	1975	1976	1977
		N	E								
18. Tsalkz Khram GES 2		41-32	44-15	110	110	110	110	110	110		
19. Vartsikh GES #1				-	-	-	-	-	-		
20. Zero Avchala GES		41-50	44-46	36	36	36	36	36	36		
21. Zhinvali GES				-	-	-	-	-	-		
Total in Plants 24 MW and over				1,887	2,237	2,527	2,547	2,547	2,547		
Small Plants				177	180	185	173	173	173		
Total Capacity -- Georgia SSR				2,064	2,467	2,712	2,725	2,725	2,725		

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VI. Volga Economic Region

	Estimated Capacity at End of Year (MW)									
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<u>Summary</u>										
A. Bashkir ASSR	3,247	3,647	3,947	4,247	4,247	4,482				
B. Kuybyshev Oblast	3,951	4,251	4,251	4,251	4,251	4,251				
C. Saratov Oblast	2,150	2,195	2,195	2,195	2,195	2,195				
D. Tatar ASSR	2,742	3,202	3,562	3,822	3,922	4,022				
E. Volgograd Oblast	3,617	3,717	3,817	3,867	4,002	4,102				
F. Others (Astrakhan, Penza, Ulyanovsk Obl)	473	473	533	633	633	633				
Total in Plants 24 MW and over	16,180	17,485	18,305	19,015	19,250	19,685				
Small Plants	1,210	1,220	1,230	1,180	1,135	1,170				
Total Capacity -- Volga Economic Region	17,390	18,705	19,535	20,195	20,435	20,855				

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VI. Volga Economic Region		Coordinates		Estimated Capacity at End of Year (MW)							
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
A. Bashkir ASSR											
1. Karamovo GRES		56-15	54-35	900	1,230	1,500	1,800	1,800	1,800		
2. Karmatau TETS		52-47	55-47	197	197	197	197	197	197		
3. Novo Salavat TETS		53-21	55-55	200	300	300	300	300	435		
4. Pavlovsk Jfa GRES		55-24	56-34	166	166	166	166	166	166		
5. Salavat TETS		52-23	55-45	354	354	354	354	354	354		
6. Sterlitamak TETS 1		53-38	55-57	511	511	511	511	511	511		
7. Sterlitamak TETS 2		53-38	55-57	-	-	-	-	-	100		
8. Ufa TETS 1		54-44	55-56	82	82	92	82	82	82		
9. Ufa TETS 2		54-50	56-05	258	258	258	258	258	258		
10. Ufa TETS 3		54-51	56-03	139	139	139	139	139	139		
11. Ufa TETS 4		54-55	56-04	440	440	440	440	440	440		
Total in Plants 24 MW and over				3,247	3,647	3,947	4,247	4,247	4,447	4,482	

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VI. Volga Economic Region		Coordinates		Estimated Capacity at End of Year (MW)							
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
B. Kuybyshev Oblast											
1. Kuybyshev TETS Bezimyanka	53-12	50-06		150	150	150	150	150	150		
2. Kuybyshev GES	53-12	50-06		52	52	52	52	52	52		
3. Novo Kuybyshev TETS 1	53-07	49-56		255	255	255	255	255	255		
4. Novo Kuybyshev TETS 2	53-07	49-56		400	500	500	500	500	500		
5. Syzran TETS	53-04	48-24		74	74	74	74	74	74		
6. Tolyatti TETS 1	53-33	49-27		400	400	400	400	400	400		
7. Tolyatti TETS 2	53-31	49-20		320	520	520	520	520	520		
8. Volga GES im Lenin	53-26	49-29		2,300	2,300	2,300	2,300	2,300	2,300		
Total in Plants 24 MW and over				3,951	4,251	4,251	4,251	4,251	4,251	4,251	

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VI. Volga Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
C. Saratov Oblast													
1. Balakovo TETS 4	51-59	47-47		300	300	300	300	300	300				
2. Engels TETS 3	51-28	46-55		100	100	100	100	100	100				
3. Saratov GES	51-31	46-02		73	73	73	73	73	73				
4. Saratov TETS 1	51-30	45-58		37	37	37	37	37	37				
5. Saratov TETS 2	51-27	45-55		300	300	300	300	300	300				
6. Saratov TETS Krasnodar	51-27	45-57		25	25	25	25	25	25				
7. Saratov TETS 5				-	-	-	-	-	-				
8. Saratov GES	52-03	47-48		1,315	1,360	1,360	1,360	1,360	1,360				
Total in Plants 24 MW and over				2,150	2,195	2,195	2,195	2,195	2,195				

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VI. Volga Economic Region

Coordinates			Estimated Capacity at End of Year (MW)											
N	E		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
D. Tatar ASSR														
1.	Kara Vehicle TETS	55-42 52-30	-	-	-	120	220	320						
2.	Kazan TETS 1	55-45 49-08	80	80	80	80	80	80						
3.	Kazan TETS 2	55-51 49-04	325	325	325	325	325	325						
4.	Kazan TETS 3	55-52 48-57	-	60	120	260	260	260						
5.	Nizhne Kara TETS	55-36 51-47	300	300	400	400	400	400						
6.	Urussy GRES	54-36 53-23	237	237	237	237	237	237						
7.	Zainsk GRES	55-17 52-02	1,800	2,200	2,400	2,400	2,400	2,400						
Total in Plants 24 MW and over			2,742	3,202	3,562	3,822	3,922	4,022						

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VI. Volga Economic Region		Coordinates		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
		N	E	Estimated Capacity at End of Year (MW)										
E. Volgograd Oblast														
1.	Kamyshin TETS	50-07	45-24	136	136	136	136	136	136					136
2.	Volgograd GRES	48-34	44-27	290	290	290	340	340	340					340
3.	Volgograd TETS 2	48-31	44-36	400	400	400	400	400	400					400
4.	Volgograd TETS 3			-	-	-	-	-	-					100
5.	Volga GES im. 22nd Party Cong.	48-50	44-40	2,541	2,541	2,541	2,541	2,541	2,541					2,541
6.	Volzhsk TETS	48-49	44-44	250	350	450	450	585	585					585
Total in Plants 24 MW and over				3,617	3,717	3,817	3,867	4,002	4,102					
F. Others (Astrakhan, Penza, Ulyanovsk Oblasts)														
1.	Astrakhan GRES	46-23	48-05	140	140	140	140	140	140					140
2.	Melekes AES	54-13	49-36	50	50	50	50	50	50					50
3.	Penza Municipal TETS	53-13	45-01	87	87	87	87	87	87					87
4.	Penza TETS 1	53-10	45-01	124	124	124	124	124	124					124
5.	Penza TETS 2	53-09	45-01	24	24	24	24	24	24					24
6.	Ulyanovsk TETS 1	54-19	48-22	48	48	48	48	48	48					48
7.	Ulyanovsk TETS 2	54-20	48-24	-	-	60	160	160	160					160
Total in Plants 24 MW and over				473	473	533	633	633	633					633

VII. Central Economic Region												
		Estimated Capacity at End of Year (MW)										
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<u>Summary</u>												
A.	Central Region	15,526	16,299	17,629	19,592	20,430	21,630					
B.	Volga-Vyatsk Region	3,018	3,016	3,019	3,060	3,060	3,110					
C.	Central-Black Earth Region	2,183	2,600	3,040	3,020	3,020	3,120					
Total --												
Central Economic Region		<u>20,727</u>	<u>21,915</u>	<u>23,688</u>	<u>25,672</u>	<u>26,510</u>	<u>27,860</u>					

VII. Central Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
A. Central Region													
a. Moscow Power System*													
1. Moscow TETS 1 Smidovich		55-45	37-38	110	110	110	110	110	110				
2. Moscow TETS 2 Tramvaynaya		55-45	37-37	35	35	35	35	35	35				
3. Moscow TETS 8		55-43	37-42	25	25	25	25	25	25				
4. Moscow TETS 9 VII		55-42	37-39	250	250	250	250	250	250				
5. Moscow TETS 11		55-45	37-44	300	300	300	300	300	300				
6. Moscow TETS 12 Frunze		55-44	37-34	312	312	312	312	312	312				
7. Moscow TETS 16 Leningrad		55-47	37-30	300	300	300	300	300	300				
8. Moscow TETS 20 Kaluzhskaya		55-42	37-35	660	680	680	680	680	680				
9. Moscow TETS 21 Khovrinsk		55-50	37-30	600	600	600	600	850	850				
10. Moscow TETS 22 Lyubertsy		55-41	37-54	500	750	1,000	1,250	1,250	1,250				
11. Moscow TETS 23 Izmailov		55-49	37-46	400	400	400	400	400	650				
12. Moscow TETS 25 Kuntsevo		55-44	37-26	-	-	-	-	-	250				
13. Moscow TETS 21L		55-42	37-39	75	75	75	75	75	75				
14. Moscow Skhodenskaya GES		55-50	37-26	29	29	29	29	29	29				

* Includes Moscow, Ryazan and Tula Oblasts.

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VII. Central Economic Region													
Coordinates			Estimated Capacity at End of Year (MW)										
			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
A. Central Region													
a. Moscow Power System*													
15. Aleksin TETS 15	54-30	37-02	150	150	150	150	150	150	150	150			
16. Cherepet GRES 19	54-08	36-30	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500			
17. Dyagilev TETS	54-39	39-37	-	-	-	-	-	-	-	60			
18. Ivankovo GES	56-44	37-07	30	30	30	30	30	30	30	30			
19. Kashira GRES 4	54-51	38-15	1,178	1,178	1,178	1,178	1,178	1,478	1,778				
20. Klasson GRES 3	55-53	38-47	71	71	71	71	71	71	71	71			
21. Klin TETS	56-20	36-43	30	30	30	30	30	30	30	30			
22. Novorostovsk GRES 10	54-05	38-14	435	435	435	435	435	435	435	435			
23. Novo Ryazan TETS	54-34	39-45	400	400	500	600	600	600	600	600			
24. Orekhovo Zuyevov TETS 6	55-48	39-01	50	50	50	50	50	50	50	50			
25. Ramenskoye Tsagi TETS	55-36	38-08	100	100	100	100	100	100	100	100			
26. Ryazan GRES	54-03	39-49	-	-	-	900	1,200	1,200	1,200	1,200			
27. Rybinsk GES	58-05	38-49	330	330	330	330	330	330	330	330			
28. Shatsk Gas Turbine Plant	54-02	41-43	24	24	24	24	24	24	24	24			
29. Shatura GRES 5	55-35	39-34	132	332	532	732	732	732	732	732			
30. Stchekino GRES 18	53-57	37-39	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040			

* Includes Moscow, Ryazan and Tula Oblasts.

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VII. Central Economic Region		Coordinates		Estimated Capacity at End of Year (MW)										
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
A. Central Region														
a. Moscow Power System*														
31. Shchekino TETS	54-01	37-31		120	120	120	120	120	120					
32. Stupino TETS 17	54-31	38-10		275	275	275	275	275	275					
33. Tula TETS	54-09	37-43		50	50	50	50	50	50					
34. Uglich GES	57-31	38-18		110	110	110	110	110	110					
35. Vladimir TETS 2	56-10	40-25		133	133	233	333	333	333					
Total -- Moscow Power System --				9,754	10,224	10,874	12,424	13,274	14,134					
Plants 24 MW and over														

* Includes Moscow, Ryazan and Tula Oblasts.

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VII. Central Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
A. Central Region													
b. Others*													
1. Bezhitsa TETS	53-18	34-20		44	44	44	44	44	44				
2. Bryansk GRES Belye Berega	53-13	34-40		82	82	82	82	82	82				
3. Dorogobuzh GRES	54-59	33-23		200	200	200	200	200	200				
4. Ivanovo GRES	57-01	40-23		134	134	134	134	134	134				
5. Ivanovo TETS 2	57-00	41-00		150	150	150	150	150	150				
6. Kalinin TETS 3	56-54	35-55		-	-	-	60	60	160				
7. Kalinin TETS 4	56-51	35-58		100	100	100	100	100	100				
8. Knaakovo GRES	56-42	36-46		2,400	2,400	2,400	2,400	2,400	2,400				
9. Kostroma GRES	57-28	41-10		1,200	1,500	2,100	2,400	2,400	2,400				
10. Kostroma TETS	57-47	40-55		-	-	-	-	-	60				
11. Orel TETS	52-59	36-06		32	32	32	32	32	32				
12. Smolensk TETS 2	54-48	32-03		-	-	60	160	160	160				
13. Smolensk GRES	55-12	32-25		-	-	-	-	-	200				
14. Yaroslavl Yarak TETS 1	57-39	39-53		250	250	250	250	250	250				
15. Yaroslavl TETS 2	57-39	39-50		150	150	150	150	150	150				
16. Yaroslavl TETS 3	57-33	39-46		320	320	320	320	320	320				
17. Yaroslavl Municipal GRES	57-37	39-57		36	36	36	36	36	36				
Total -- Others -- Plants 24 MW and over				5,098	5,398	6,058	6,518	6,518	6,878				

* Includes Bryansk, Ivanovo, Kalinin, Kaluga, Kostroma, Orel, Smolensk, Vladimir, and Yaroslavl Oblasts.

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VII. Central Economic Region	Coordinates		Estimated Capacity at End of Year (MW)									
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
A. <u>Central Region</u>												
Total in Plants 24 MW and over			14,852	15,622	16,932	18,942	19,792	21,012				
Small Plants			674	677	697	650	638	613				
Total Capacity -- Central Region			15,526	16,299	17,629	19,592	20,430	21,630				

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I. Central Economic Region														
			Estimated Capacity at End of Year (MW)											
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
B. Volga-Vyatsk Region														
1.	56-09	47-15	24	24	24	24	24	24	24					
2.			-	-	-	-	-	-	-					
3.	56-15	43-37	200	200	200	200	200	200	200					
4.	56-14	43-31	100	100	100	100	100	100	100					
5.	56-15	43-54	149	149	149	149	149	149	149					
6.	56-10	44-10	240	240	240	240	240	240	240					
7.	56-30	43-35	459	459	459	459	459	459	459					
8.	56-39	43-23	520	520	520	520	520	520	520					
9.	58-34	50-00	198	198	198	198	198	198	198					
10.	58-37	49-16	339	339	339	339	339	339	339					
11.	56-45	47-31	200	200	200	200	200	200	200					
12.	54-11	45-12	200	200	200	200	200	200	200					
13.	54-55	43-20	42	42	42	42	42	42	42					
14.	56-22	43-50	-	-	-	50	50	50	50					
Total in Plants 24 MW and over			2,671	2,671	2,671	2,721	2,721	2,771						
Small Plants			347	345	348	339	339	339						
Total Capacity -- Volga-Vyatsk Region			3,018	3,016	3,019	3,060	3,060	3,110						

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VII. Central Economic Region

Coordinates		Estimated Capacity at End of Year (MW)										
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	
N	E											
C. Central-Black Earth Region												
1. Gubkin TETS	51-17	37-32	48	48	49	48	48	48	48	48		
2. Kotovsk GRES	52-36	41-31	48	48	48	48	48	48	48	48		
3. Kursk TETS 1	51-39	36-08	207	207	207	207	207	207	207	207		
4. Kursk AES	51-39	35-36	-	-	-	-	-	-	-	-		
5. Lipetsk TETS	52-33	39-36	224	224	224	224	224	224	224	224		
6. Novo Lipetsk TETS	52-33	39-36	-	-	-	-	-	-	-	-		
7. Novo Voronezh AES	51-18	39-13	575	1,015	1,455	1,455	1,455	1,455	1,455	1,455		
8. Tambov TETS	52-45	41-28	150	150	150	150	150	150	150	150		
9. Voronezh TETS 1	51-38	39-14	195	195	195	195	195	195	195	195		
10. Voronezh TETS 2	51-41	39-09	100	100	100	100	100	100	100	100		
Total in Plants												
24 MW and over												
1,547 1,987 2,427 2,427 2,427 2,427 2,427 2,427 2,427 2,427												
Small Plants												
636 613 613 593 593 593 593 593 593 593												
Total Capacity --												
Central-Black Earth Region												
2,183 2,600 3,040 3,020 3,020 3,020 3,020 3,020 3,020 3,020												

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VIII. Urals Economic Region

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<u>Summary</u>											
A. Chelyabinsk Oblast	4,321	4,321	4,321	4,321	4,821	4,821					
B. Orenburg Oblast	1,223	1,523	2,173	2,283	2,703	2,703					
C. Perm Oblast	2,184	2,396	2,396	2,396	2,396	2,396					
D. Sverdlovsk Oblast	5,791	6,391	6,691	6,691	6,991	7,391					
E. Udmurt Oblast	1,166	1,166	1,166	1,166	1,166	1,166					
F. Kurgan Oblast	275	275	275	275	275	275					
Total in Plants 24 MW and over	14,960	16,072	17,022	17,132	18,352	18,752					
Small Plants	2,740	873	828	823	818	808					
Total Capacity -- Urals Region	17,700	16,945	17,850	17,955	19,170	19,560					

VIII. Urals Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
A. Chelyabinsk Oblast													
1. Arayash TETS	55-39	60-46		250	250	250	250	250	250				
2. Chelyabinsk GRES	55-12	61-24		132	132	132	132	132	132				
3. Chelyabinsk TETS Bakal	55-15	61-27		200	200	200	200	200	200				
4. Chelyabinsk TETS 1	55-08	61-29		329	329	329	329	329	329				
5. Chelyabinsk TETS 2	55-09	61-29		400	400	400	400	400	400				
6. Magnitogorsk TETS 1	53-26	59-02		223	223	223	223	223	223				
7. Magnitogorsk TETS 3	53-24	59-02		250	250	250	250	250	250				
8. Troitsk GRES	54-06	61-34		1,500	1,500	1,500	1,500	2,000	2,000				
9. Yuryuzan GRES	54-51	58-26		37	37	37	37	37	37				
10. Yuzhmouralsk GRES	54-27	61-15		1,000	1,000	1,000	1,000	1,000	1,000				
Total in plants 24 MW and over				<u>4,321</u>	<u>4,321</u>	<u>4,321</u>	<u>4,321</u>	<u>4,821</u>	<u>4,821</u>				

VIII. Urals Region		Coordinates		Estimated Capacity at End of Year (MW)							
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
B. Orenburg Oblast											
1. Irklinsk GES	51-45	58-48		600	900	1,500	1,500	1,800	1,800		
2. Irklinsk GES	51-41	58-38		30	30	30	30	30	30		
3. Kargalinsk TETS	51-57	55-11		-	-	-	60	180	180		
4. Orsk TETS 1	51-15	58-31		375	375	375	375	375	375		
5. Orsk TETS Novo Troitsk	51-13	58-22		98	98	98	98	98	98		
6. Sakmara TETS	51-50	55-05		120	120	170	220	220	220		
Total in Plants 24 MW and over				1,223	1,523	2,173	2,283	2,703	2,703		

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VIII. Urals Economic Region		Coordinates		Estimated Capacity at End of Year (MW)							
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
C. Perm Oblast											
1. Berezniki TETS 2		59-23	56-53	173	185	185	185	185	185		
2. Berezniki TETS 4		59-24	56-44	117	117	117	117	117	117		
3. Chaykovskiy TETS		58-08	55-31	-	-	-	-	-	-		
4. Kama GES		58-07	56-20	504	504	504	504	504	504		
5. Kizel GES		58-52	57-33	117	117	117	117	117	117		
6. Perm TETS 9		57-56	56-09	220	220	220	220	220	220		
7. Perm TETS 14		58-01	55-53	150	150	150	150	150	150		
8. Shirokovskaya GES		58-50	57-40	28	28	28	28	28	28		
9. Solikamsk TETS 11		59-49	56-40	100	300	300	300	300	300		
10. Yavva GES		59-20	57-15	500	600	600	600	600	600		
11. Zakamsk TETS 5		58-07	57-44	175	175	175	175	175	175		
Total in Plants 24 MW and over				2,184	2,396	2,396	2,396	2,396	2,396		

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I. Urals Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
D. Sverdlovsk Oblast													
1. Beloyarsk AES	56-49	61-21		300	300	300	300	300	300				
2. Bogoslavsk TETS	59-47	60-11		292	292	292	292	292	292				
3. Kachkanar TETS	58-42	59-30		100	100	100	100	100	100				
4. Krasnogorsk TETS	56-22	61-59		314	314	314	314	314	314				
5. Nizhny Tagil Kaganovitch TETS	57-56	60-06		100	100	100	100	100	100				
6. Nizhny Tagil Metal. TETS	57-55	60-01		112	112	112	112	112	112				
7. Nizhnyaya Tura GRES	58-37	59-52		530	530	530	530	530	530				
8. Pervouralsk TETS	56-53	59-58		24	24	24	24	24	24				
9. Reft GRES	57-06	61-43		300	900	1,200	1,200	1,500	1,800				
10. Serov Tses	59-35	60-36		60	60	60	60	60	60				
11. Serov GRES	59-37	60-47		600	600	600	600	600	600				
12. Sredne Uralsk GRES	57-00	60-28		1,360	1,360	1,360	1,360	1,360	1,360				
13. Sverdlovsk Uralmash TETS	56-52	60-36		28	28	28	28	28	28				
14. Sverdlovsk TETS 2	56-53	60-45		-	-	-	-	-	-				
15. Verkhne Tagil GRES	57-21	59-56		1,625	1,625	1,625	1,625	1,625	1,625				
16. Yegorshino GRES	57-20	61-54		46	46	46	46	46	46				
Total in Plants 24 MW and over				5,791	6,391	6,691	6,691	6,991	7,391				

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VIII. Urals Region			Estimated Capacity at End of Year (MW)											
Coordinates														
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
E. Udmurt Oblast														
1. Glazov TETS	58-09	52-40	70	70	70	70	70	70						
2. Izhevsk Tses	56-51	53-10	48	48	48	48	48	48						
3. Sarapul GRES	56-29	53-48	24	24	24	24	24	24						
4. Votkinsk GES	56-47	54-05	1,000	1,000	1,000	1,000	1,000	1,000						
5. Votkinsk TETS	57-03	53-59	24	24	24	24	24	24						
Total in Plants 24 MW and over			1,166	1,166	1,166	1,166	1,166	1,166						
F. Kurgan Oblast														
1. Kurgan TETS	55-26	65-20	275	275	275	275	275	275						

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IX. West Siberia Economic Region		Estimated Capacity at End of Year (MW)									
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<u>Summary</u>											
A. Kemerovo Oblast		4,266	4,266	4,366	4,366	4,466	4,466				
B. Altai Krai		633	633	633	633	633	633				
C. Novosibirsk Oblast		1,561	1,561	1,761	2,061	2,161	2,161				
D. Omsk Oblast		792	892	992	992	992	1,092				
E. Tomsk Oblast		974	974	974	974	974	974				
F. Tyumen Oblast		350	474	674	1,074	1,274	1,674				
Total in Plants 24 MW and over*		9,576	9,800	10,400	11,100	11,500	12,000				
Small Plants		2,424	2,170	2,195	2,195	2,185	2,175				
Total -- West Siberia Economic Region		12,000	11,970	13,595	13,295	13,685	14,175				

* Includes 1,000 MW at the Siberian nuclear powerplant, located somewhere in West Siberia.

IX. West Siberia Economic Region													
Coordinates		Estimated Capacity at End of Year (MW)											
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
N	E												
A. Kemerovo Oblast													
1.	Belovo GRES	54-26	86-25	1,200	1,200	1,200	1,200	1,200	1,200				
2.	Kemerovo GRES	55-24	85-59	190	190	190	190	190	190				
3.	Kemerovo TETS	55-22	86-04	144	144	144	144	144	144				
4.	Ruznets TETS	53-46	87-15	253	253	253	253	253	253				
5.	Ruznets Metal. Comb TETS	53-46	87-05	132	132	132	132	132	132				
6.	Novo Kemerovo TETS	55-21	85-59	310	310	310	310	310	310				
7.	Ton Usinsk GRES	53-40	87-49	1,300	1,300	1,300	1,300	1,300	1,300				
8.	W. Sib. Metal. Comb TETS	53-54	87-15	160	160	260	260	360	360				
9.	Yurga TETS	55-42	84-51	30	30	30	30	30	30				
10.	Yuzhno Kuzbass GRES	53-31	87-16	547	547	547	547	547	547				
Total in Plants 24 MW and over				4,266	4,266	4,366	4,366	4,466	4,466				

IX. West Siberia Economic Region		Estimated Capacity at End of Year (Mw)									
		Coordinates									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
											1978
B. Altai Kray											
1.	Barnaul TETS 2	53-22	83-46	370	370	370	370	370	370	370	370
2.	Biysk TETS	52-31	85-10	230	230	230	230	230	230	230	230
3.	Rubtsovsk TETS	51-32	81-12	33	33	33	33	33	33	33	33
Total in Plants 24 MW and over				633	633	633	633	633	633	633	633
C. Novosibirsk Oblast											
1.	Barabinsk GES	55-27	78-22	200	200	200	200	200	200	200	200
2.	Novosibirsk GES	54-51	83-00	424	424	424	424	424	424	424	424
3.	Novosibirsk TETS 2	55-00	82-52	325	325	325	325	325	325	325	325
4.	Novosibirsk TETS 3	55-00	82-50	200	200	400	700	800	900	900	900
5.	Novosibirsk TETS 4	55-06	82-59	412	412	412	412	412	412	412	412
Total in Plants 24 MW and over				1,561	1,561	1,761	2,061	2,161	2,161	2,161	2,161

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X. West Siberia Economic Region													
Coordinates			Estimated Capacity at End of Year (MW)										
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	
D. Omsk Oblast													
1. Omsk TETS 2	54-56	73-24	90	90	90	90	90	90					
2. Omsk TETS 3	55-04	73-16	452	452	452	452	452	452					
3. Omsk TETS 4	55-06	82-59	250	350	450	450	450	550					
4. Omsk TETS 5			-	-	-	-	-	-					
Total in Plants 24 MW and over			792	892	992	992	992	1,092					
E. Tomsk Oblast													
1. Tomsk North	56-37	84-48	650	650	650	650	650	650					
2. Tomsk GRES 2	56-28	84-60	324	324	324	324	324	324					
Total in Plants 24 MW and over			974	974	974	974	974	974					
F. Tyumen Oblast													
1. Surgut TETS	61-14	73-20	-	24	24	24	24	24					
2. Surgut GRES	61-14	73-20	-	-	200	600	800	1,200					
3. Tyumen TETS	57-09	65-36	350	450	450	450	450	450					
Total in Plants 24 MW and over			350	474	674	1,074	1,274	1,674					

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X. Central Asia Economic Region		Estimated Capacity at End of Year (MW)									
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<u>Summary</u>											
A.	Kazakh SSR	8,760	9,155	9,301	9,814	10,630	11,200				
B.	Uzbek SSR	4,742	5,200	5,637	5,935	6,345	6,640				
C.	Kirgiz SSR	952	935	1,015	1,015	1,015	2,210				
D.	Tadzhik SSR	852	842	1,502	1,800	1,800	1,800				
E.	Turkmen SSR	682	663	660	1,051	1,051	1,245				
Total		15,988	16,795	18,115	19,615	20,841	23,095				

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X. Central Asia Economic Region			Estimated Capacity at End of Year (Mw)										
Coordinates													
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
A. Kazakh SSR													
1. Aktyubinsk Ferro TETS	50-20	57-09	146	146	146	146	146	146					
2. Alma Ata TETS 1	43-13	76-56	137	197	197	197	197	197					
3. Alma Ata TETS 2			-	-	-	-	-	-					
4. Alma Ata GES	43-26	77-00	200	200	200	200	200	200					
5. Arkalyk TETS	50-13	66-50	50	50	50	50	50	50					
6. Atasuyskaya TETS	48-33	71-35	25	25	25	1	25	25					
7. Balkhash TETS	46-50	74-58	160	160	160	160	160	160					
8. Bukhtarma GES	49-36	83-32	675	675	675	675	675	675					
9. Chardarinsk GES	41-17	67-55	100	100	100	100	100	100					
10. Dzhanbul GES	42-51	71-29	600	600	600	600	600	800					
11. Dzhanbul TETS 4	42-54	71-23	50	50	50	50	50	50					
12. Dzhezkazgan TETS	47-47	67-44	260	260	260	260	260	260					
13. Ekibastuz TETS	51-40	75-22	18	18	24	30	36	36					
14. Guryev TETS	47-06	51-57	99	99	99	99	159	159					
15. Kapchagay GES	43-55	77-53	217	434	434	434	434	434					
16. Karaganda GES 1	50-05	72-55	243	243	243	243	243	243					
17. Karaganda GES 2	49-31	72-49	700	700	700	700	700	700					
18. Karaganda TETS 1	49-50	73-46	36	36	36	36	36	36					
19. Karaganda Metal. TETS	50-03	73-02	150	150	150	150	150	150					

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X. Central Asia Economic Region													
		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
A. <u>Kazakh SSR</u>													
20.	Karaganda Metal. TETS 2	50-03	73-02	-	-	-	100	200	250				
21.	Kantau TETS	43-31	68-34	48	48	48	48	48	48				
22.	Kzyl-Orda TETS	44-52	65-27	74	74	74	74	124	124				
23.	Leninogorsk TETS 2	50-21	83-29	100	100	100	100	100	100				
24.	Pavlodar TETS 1	52-18	76-56	270	270	270	270	270	270				
25.	Pavlodar TETS 2	52-17	76-58	200	200	200	200	200	200				
26.	Pavlodar TETS 3	52-17	76-57	-	-	120	170	170	270				
27.	Petropavlovsk TETS 1	54-55	69-10	100	100	100	100	100	100				
28.	Petropavlovsk TETS 2	54-55	69-12	470	470	470	470	70	470				
29.	Rubny TETS	52-57	63-07	100	100	100	100	100	100				
30.	Sogrinsk TETS	50-00	82-40	100	100	100	100	100	100				
31.	Tselinograd TETS 1	51-10	71-30	24	30	36	36	36	36				
32.	Tselinograd TETS 2	51-10	71-30	-	-	-	-	-	-				
33.	Ulbinsk GES	50-12	83-33	28	28	28	28	28	28				
34.	Uralsk TETS	51-14	51-22	36	36	36	36	36	36				
35.	Ust Kamenogorsk GES	49-54	82-44	331	331	331	331	331	331				331

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X. Central Asia Economic Region		Coordinates		Estimated Capacity at End of Year (MW)							
		N	E	1970	1971	1972	1973	1974	1975	1976	1977
<u>A. Kazakh SSR</u>											
36. Ust Kamenogorsk TEES		49-56	82-36	275	275	275	275	275	275		
37. Yermakov GRES		52-07	76-52	900	1,200	1,200	1,500	2,100	2,400		
Total in Plants 24 MW and over				6,922	7,505	7,637	8,093	8,909	9,509		
Small Plants				1,838	1,650	1,664	1,721	1,721	1,691		
Total -- Kazakh SSR				8,760	9,155	9,301	9,814	10,630	11,200		

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X. Central Asia Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
N E												
B. Uzbek SSR												
1.	Akkavskaya GES	41-27 69-33	35	35	35	35	35	35				
2.	Almalyk TETS	40-49 69-38	24	24	24	24	24	24				
3.	Angren GES	41-00 70-08	600	600	600	600	600	600				
4.	Charvak GES	41-37 69-58	150	450	600	600	600	600				
5.	Chirchik GES	41-30 69-37	84	84	84	84	84	84				
6.	Farkhad GES	40-13 69-09	126	126	126	126	126	126				
7.	Fergana TETS	40-27 71-48	230	230	230	230	230	230				
8.	Khodzhikent GES		-	-	-	-	-	-				
9.	Kuvasay GES	40-17 72-00	36	36	36	36	36	36				
10.	Navoi GES	40-09 65-21	770	830	830	830	830	830				
11.	Syrdarinsk GES	40-13 69-06	-	-	300	600	900	1,200				
12.	Takhia Tash GES	42-21 59-35	258	258	258	258	368	368				
13.	Tashkent TETS	41-16 69-15	68	68	68	68	68	68				
14.	Tashkent GES	41-23 69-22	1,760	1,920	1,920	1,920	1,920	1,920				
15.	Tavakskaya GES	41-34 69-40	72	72	72	72	72	72				
Total in Plants 24 MW and over			4,213	4,733	5,183	5,483	5,893	6,193				
Small Plants			529	467	454	452	452	447				
Total -- Uzbek SSR			4,742	5,200	5,637	5,935	6,345	6,640				

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X. Central Asia Economic Region													
	Coordinates		Estimated Capacity at End of Year (MW)										
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<u>C. Kirgiz SSR</u>													
1. At-Bashinsk GES	41-22	75-38	40	40	40	40	40	40					
2. Frunze TETS	42-52	74-44	460	460	520	520	520	520					
3. Osh TETS	40-32	72-48	50	50	50	50	50	50					
4. Tok Togul GES	41-45	72-45	-	-	-	-	-	1,200					
5. Uch Kurgan GES	41-11	72-10	180	180	180	180	180	180					
Total in Plants 24 MW and over			730	730	790	790	790	1,990					
Small Plants			222	205	225	225	225	220					
Total -- Kirgiz SSR			952	935	1,015	1,015	1,015	2,210					
<u>D. Tadzhik SSR</u>													
1. Dushambe TETS	38-33	68-47	226	226	226	226	226	226					
2. Golovnaya GES	38-02	69-03	210	210	210	210	210	210					
3. Kairak Kum GES	40-17	69-49	126	126	126	126	126	126					
4. Nurek GES	38-13	69-25	-	-	600	900	900	900					
5. Perepadnaya GES	37-43	68-47	30	30	30	30	30	30					
6. Yavan TETS	38-19	69-02	120	120	180	180	180	180					
Total in Plants 24 MW and over			712	712	1,372	1,672	1,672	1,672					
Small Plants			140	130	130	128	128	128					
Total -- Tadzhik SSR			852	842	1,502	1,800	1,800	1,800					

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X. Central Asia Economic Region														
Coordinates				Estimated Capacity at End of Year (MW)										
	N	E		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
E. Turkmen SSR														
1. Bezmein GRES	38-03	58-11		174	174	174	174	174	174					
2. Chardzhou TETS	39-06	63-34		36	36	36	36	36	36					
3. Krasnovodsk TETS 1	40-01	52-57		35	35	35	35	35	35					
4. Krasnovodsk TETS 2	40-00	53-00		170	170	170	170	170	170					
5. Mary GRES	37-34	61-45		-	-	-	400	400	600					
6. Nebit Dag GRES	39-30	54-22		48	48	48	48	48	48					
Total in Plants 24 MW and over				463	463	463	863	863	1,063					
Small Plants				219	200	197	188	188	182					
Total -- Turkmen SSR				682	663	660	1,051	1,051	1,245					

XI. East Siberia Economic Region		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
		Estimated Capacity at End of Year (MW)										
<u>Summary</u>												
A.	Irkutsk Oblast	7,094	7,194	7,244	7,344	8,114	9,124					
B.	Krasnoyarsk Oblast	8,475	9,601	9,890	9,990	9,990	10,090					
C.	Buryat ASSR	197	197	197	222	247	447					
D.	Chita Oblast	464	464	564	664	664	664					
Total in Plants 24 MW and over		16,230	17,456	17,895	18,220	19,015	20,325					
Small Plants		1,270	934	945	945	935	925					
Total -- East Siberia Economic Region		17,500	18,390	18,840	19,165	19,950	21,250					

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XI. East Siberia Economic Region															
		Coordinates		Estimated Capacity at End of Year (MW)											
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
A. Irkutsk Oblast															
1.	Baikalsk TETS	51-31	104-05	50	50	50	50	50	50						
2.	Bratsk TETS	56-00	101-00	100	100	150	200	200	200						
3.	Bratsk GES	56-18	101-47	4,100	4,100	4,100	4,100	4,100	4,100						
4.	Irkutsk GES	52-14	104-19	662	662	662	662	662	662						
5.	Irkutsk TETS 1	52-34	103-56	300	300	300	300	300	300						
6.	Irkutsk TETS 2	52-17	104-16	78	78	78	78	78	78						
7.	Irkutsk TETS 9 Ref.	52-13	103-54	300	300	300	350	350	350						
8.	Irkutsk TETS 10	52-30	103-55	1,180	1,180	1,180	1,180	1,180	1,180						
9.	Irkutsk TETS 11 Chem Comb.	52-45	103-40	250	350	350	350	350	350						
10.	Irkutsk GES	52-30	103-56	50	50	50	50	50	50						
11.	Koshunovo TETS	56-34	104-09	24	24	24	24	24	24						
12.	Novo Irkutsk TETS	52-17	104-14	-	-	-	-	-	-						
13.	Ust Ilinsk GES	57-42	102-35	-	-	-	-	-	-						
14.	Ust Ilinsk TETS	57-42	102-35	-	-	-	-	-	-						
Total in Plants 24 MW and over				7,094	7,194	7,244	7,344	8,114	9,124						

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XI. East Siberia Economic Region			Estimated Capacity at End of Year (MW)									
Coordinates												
N E			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
B. Krasnoyarsk Krai												
1. Abakan TETS			-	-	-	-	-	-	-	-	-	-
2. Achinsk TETS	56-17	90-30	100	100	100	100	100	100	100	100	100	100
3. Khatayka GES	68-33	87-33	126	252	441	441	441	441	441	441	441	441
4. Krasnoyarsk TETS 1	56-02	93-03	434	434	434	534	534	534	534	534	534	534
5. Krasnoyarsk TETS 2			-	-	-	-	-	-	-	-	-	-
6. Krasnoyarsk GRES 2	56-09	94-29	660	660	660	660	660	660	660	660	660	660
7. Krasnoyarsk GES	56-19	93-36	5,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
8. Mayna TETS	53-02	91-25	30	30	30	30	30	30	30	30	30	30
9. Nazarovo GES	56-02	90-20	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
10. Norilsk TETS 1	69-22	88-11	525	525	525	525	525	525	525	525	525	525
11. Norilsk TETS 2 Talnakh	69-21	88-05	200	200	300	300	300	300	300	300	300	300
Total in Plants 24 MW and over			8,475	9,601	9,890	9,990	9,990	9,990	10,090			

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XI. East Siberia Economic Region				Estimated Capacity at End of Year (MW)											
		Coordinates													
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	
C. Buryat ASSR															
1.	Bayangol TETS	50-44	103-27	25	25	25	25	25	25	25					
2.	Guzinovsk GRES	51-18	106-28	-	-	-	-	-	-	-	200				
3.	Ulan Ude TETS	51-50	107-37	172	172	172	197	222	222	222					
Total in Plants 24 MW and over				197	197	197	222	247	447						
D. Chita Oblast															
1.	Chita TETS	52-01	113-31	26	26	26	26	26	26	25					
2.	Chita GRES	52-02	113-25	320	320	420	520	520	520	520					
3.	Kholbon TETS	51-53	116-15	25	25	25	25	25	25	25					
4.	Nerchinsk- Tsurukhayuy TETS	50-24	119-06	36	36	36	36	36	36	36					
5.	Petrovsk- Zabaykalsk TETS	51-18	108-51	32	32	32	32	32	32	32					
6.	Sherlovaya Gora TETS	50-39	116-19	25	25	25	25	25	25	25					
Total in Plants 24 MW and over				464	464	564	664	664	664	664					

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XII. Far East Economic Region		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
		Estimated Capacity at End of Year (MW)										
Summary												
A. Amur Oblast	268	268	268	268	268	268	748					
B. Kamchatka Oblast	48	48	48	48	48	48	48					
C. Khabarovsk Kray	749	749	923	959	984	984	996					
D. Magadan Oblast	159	159	159	171	213	213	355					
E. Primorskiy Kray	1,076	1,076	1,126	1,126	1,226	1,226	1,326					
F. Sakhalin Oblast	188	328	378	378	378	378	403					
G. Yakutsk ASSR	512	537	562	562	562	562	642					
Total in Plants 24 MW and over	3,000	3,165	3,464	3,512	3,679	3,679	4,518					
Small Plants	1,500	1,425	1,436	1,458	1,461	1,461	1,457					
Total -- Far East Economic Region	4,500	4,590	4,900	4,970	5,140	5,140	5,975					

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XII. Far East Economic Region													
	Coordinates		Estimated Capacity at End of Year (MW)										
	N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<u>A. Amur Oblast</u>													
1. Blagoveshchensk TETS	50-16	127-52	-	-	-	-	-	-	50				
2. Raychikhinsk TETS	49-47	129-26	268	268	268	268	268	268	268				
3. Zeya GES	53-49	127-20	-	-	-	-	-	-	430				
Total in Plants 24 MW and over			268	268	268	268	268	268	748				
<u>B. Kamchatka Oblast</u>													
1. Petropavlovsk TETS	53-01	158-39	48	48	48	48	48	48	48				
<u>C. Khabarovsk Krai</u>													
1. Amursk TETS 1	50-17	136-50	100	100	100	100	125	125	125				
2. Amursk TETS 2	50-17	136-50	-	-	24	36	36	36	36				
3. Khabarovsk TETS 1	48-25	135-07	375	375	475	475	475	475	475				
4. Komsomolsk TETS 1	50-34	136-58	100	100	100	100	100	100	100				
5. Komsomolsk TETS 2	50-33	137-02	174	174	224	224	224	224	224				
6. Nikolayevsk TETS	53-08	140-44	-	-	-	24	24	24	36				
Total in Plants 24 MW and over			749	749	923	959	984	984	996				

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XI I. Far East Economic Region		Coordinates		Estimated Capacity at End of Year (MW)									
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1980
D. <u>Magadan Oblast</u>													
1.	Arkagala GRES	63-00	147-50	95	95	95	95	95	195				
2.	Bilibino AES	68-02	166-32	-	-	-	12	24	36				
3.	Chum Power Station	69-42	170-18	32	32	32	32	32	32				
4.	Magadan TENS	59-34	150-48	32	32	32	32	62	92				
Total in Plants 24 MW and over				159	159	159	171	213	355				
E. <u>Primorskiy Krai</u>													
1.	Artan GRES	43-22	132-18	597	597	597	597	597	597				
2.	Primorskiy GRES	46-28	134-15	-	-	-	-	100	200				
3.	Sovetskaya Gavan TENS	49-02	140-14	42	42	42	42	42	42				
4.	Spassk Dalniy TENS	44-34	132-47	30	30	30	30	30	30				
5.	Suchan GRES	43-07	133-07	207	207	207	207	207	207				
6.	Vladivostok TENS	43-08	131-54	200	200	250	250	250	250				
Total in Plants 24 MW and over				1,076	1,076	1,126	1,126	1,226	1,326				

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XII. Far East Economic Region														
		Coordinates		Estimated Capacity at End of Year (MW)										
		N	E	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
F. Sakhalin Oblast														
1.	Gcha TETS	53-34	142-56	38	78	78	78	78	78					
2.	Yuzhno Sakhalinsk GRES	49-00	142-58	150	250	300	300	300	300					
3.	Yuzhno Sakhalinsk TETS	49-01	142-59	-	-	-	-	-	-					
Total in Plants 24 MW and over				188	328	378	378	378	403					
G. Yakutsk ASSR														
1.	Chulman TETS	56-52	124-52	36	36	36	36	36	36					
2.	Mamakan GES	57-49	114-03	86	86	86	86	86	86					
3.	Mukhtuya Diesel	60-43	114-55	20	20	20	20	20	20					
4.	Vilyuy GES	63-05	113-30	320	320	320	320	320	400					
5.	Yakutsk GES	62-00	129-40	50	75	100	100	100	100					
Total in Plants 24 MW and over				512	537	562	562	562	642					

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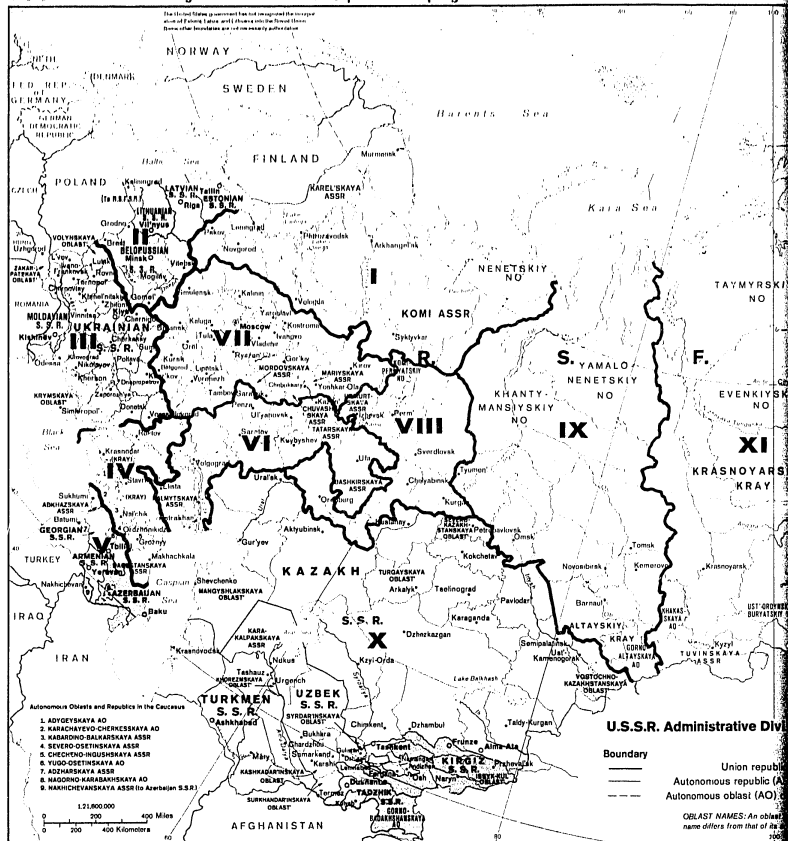
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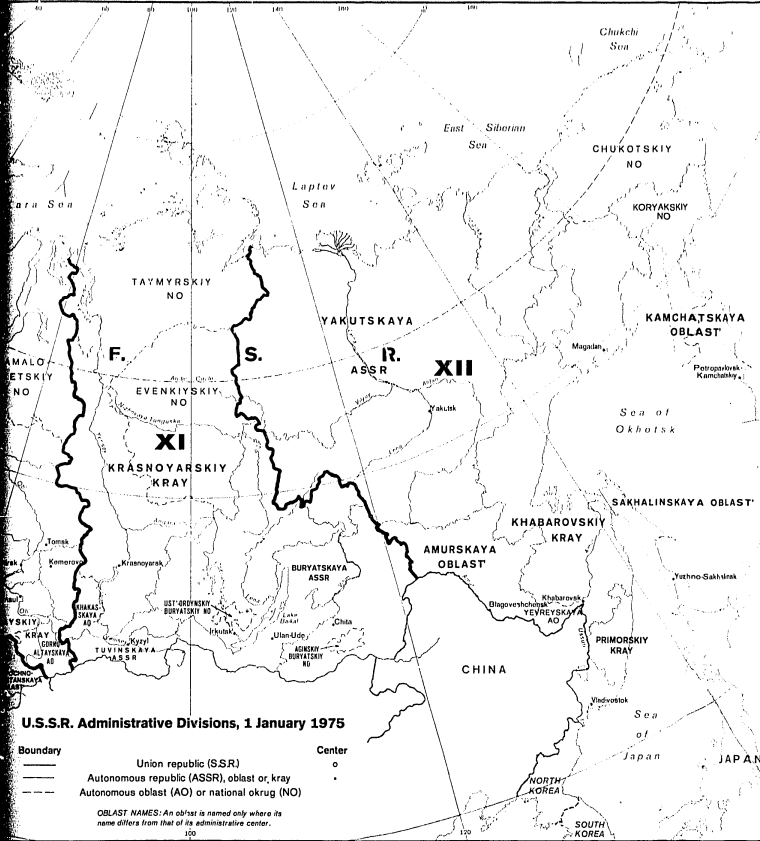
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